Pramāṇa

journal of physics

Volume 32, January-June 1989

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A study of thermomagnetic history effects in niobium and its implication for H_{c1} in high T_c superconductors.....
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Phase-function method for velocity—dependent potentials.....
.....*G C Sett and B Talukdar*

Magnetic properties of Zr doped Y_9Co_7.....
.....*R Ranganathan, J L Tholence and B V B Sarkissian*

An improved approximate solution of Altarelli-Parisi equations.....
.....*D K Choudhury and A Saikia*

Synergism in electron gas in crossed fields II. degenerate 3Deg—Hall conductance..... .....*R Pratap and J Sreekumar*

Non-periodic tilings in 2-dimensions with 4, 6, 8, 10 and 12-fold symmetries
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A microprocessor based autoscanner for electromigration studies in thin films
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High boson in E_6 and intermediate mass scales.....
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A new representation of the heavy ion Coulomb potential.....
.....*P Basu, P Bhattacharya and M L Chatterjee*

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Method of most probable distribution: New solutions and results.....
....*V J Menon and D C Agrawal*

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Phonon density of states of tetracyanoethylene from coherent inelastic neutron scattering at Dhruva reactor.....*S L Chaplot, R Mukhopadhyay, P R Vijayaraghavan, A S Deshpande and K R Rao*

Soft mode dynamics of perovskite type crystals.....
.....*N S Panwar, T C Upadhyay and B S Semwal*

Parity mixing in deformed Hartree-Fock approximation in $A \approx 70$ mass region ..... *C R Praharaj*

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